



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Saturday, April 18, 2015

Issued: 0800 CT

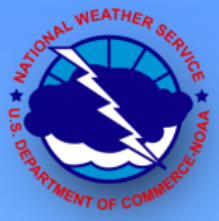
Day 1 Hazards: Slight risk of severe weather for TX/OK, and srn LA. Flash flooding possible across SE TX and srn LA. Elevated fire weather conditions for srn NM/ far west TX.

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Kurt M. Van Speybroeck
817-978-1100 x 147

Key Points



Today

- **Slight risk for severe thunderstorms across TX, central OK, and srn LA.**
 - Large hail and damaging winds are the primary threats.
- **Moderate/heavy rain with flash flooding possible over SE TX into srn LA**
- **Elevated/critical fire weather conditions across srn NM and far west TX.**

Sunday

- **Enhanced risk of severe thunderstorms across AR/nrn LA.**
- **Slight risk of severe thunderstorms over east TX/OK into AR/LA.**
 - Large hail and damaging winds are likely.

Monday - Wednesday

- **No Significant Weather Impacts.**

*FEMA Region 6 Threat Matrix

Apr 18, 2015 - Apr 22, 2015

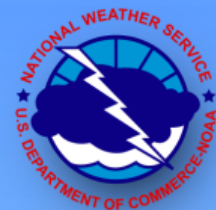
| DAY/ THREAT | SAT | SUN | MON | TUE | WED |
|-------------------------|---------------|--------------|-----|-----|-----|
| Severe Storms | TX/OK/S LA | AR/N LA | | | |
| | | E OK/E TX/LA | | | |
| Heavy Rain /Flooding | SE TX/S LA | SE TX/S LA | | | |
| Fire | S NM/Far W TX | | | | |

| | |
|--|-----------------------------------|
| | Very Common – Happens Often |
| | Common – Happens Frequently |
| | Uncommon – A Few Times a Year |
| | Rare – Once Every 1-5 Years |
| | Very Rare – Once Every 5-10 Years |

We are experimenting with a new color scale to the left as of April 13th. Please provide feedback to sr-srh.roc@noaa.gov. See next slide for more details.



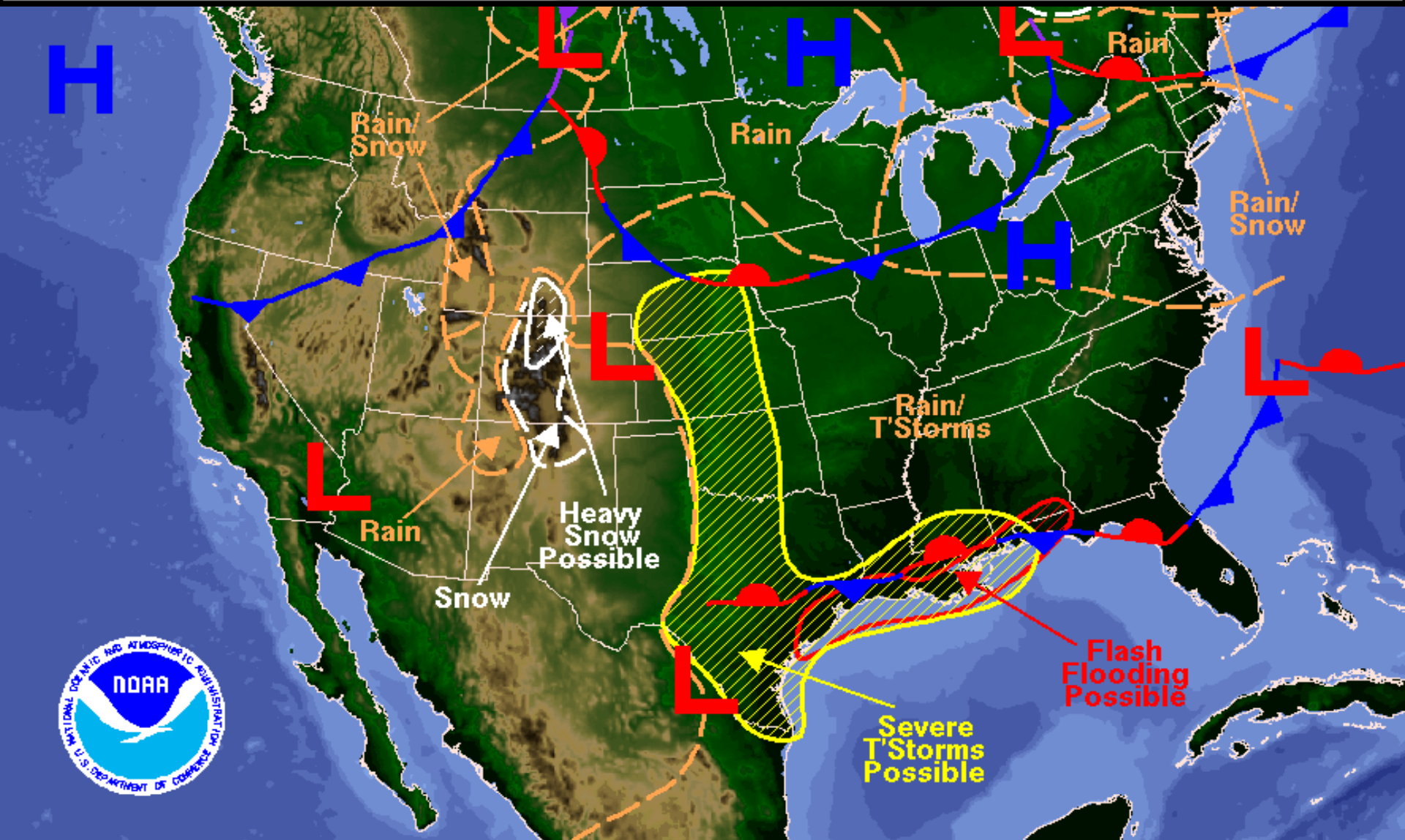
We are experimenting with a new color scale in these briefings, starting on April 13th. The criteria is below, please provide your feedback to sr-srh.roc@noaa.gov and we plan to re-evaluate in the coming months.



Weather "Threat" Matrix

| Color | Definition | Criteria | Example(s) |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Green | Very Common – Happens Often Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines | Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None | <ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX |
| Yellow | Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life | Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline | <ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail |
| Orange | Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life | Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline | <ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail |
| Red | Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life | Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline | <ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail |
| Purple | Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life | Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline | <ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms |

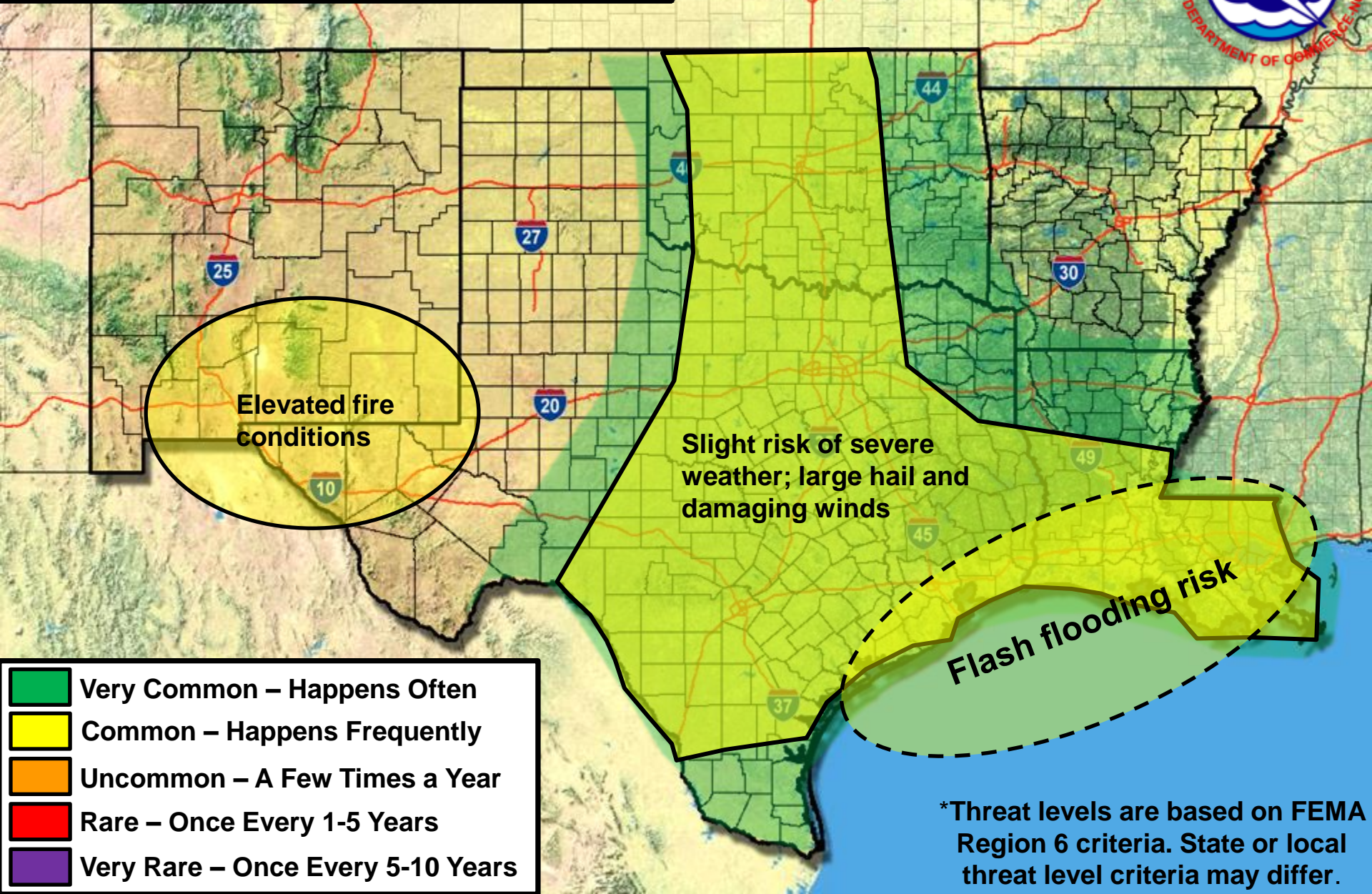
Today's Weather



Weather Forecast for Sat, Apr 18, 2015, issued 4:22 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Krekeler based on WPC, SPC and NHC forecasts

Day 1 Weather Hazards






Valid: 0800 Sat - 0800 Sun



Elevated fire conditions

Slight risk of severe weather; large hail and damaging winds

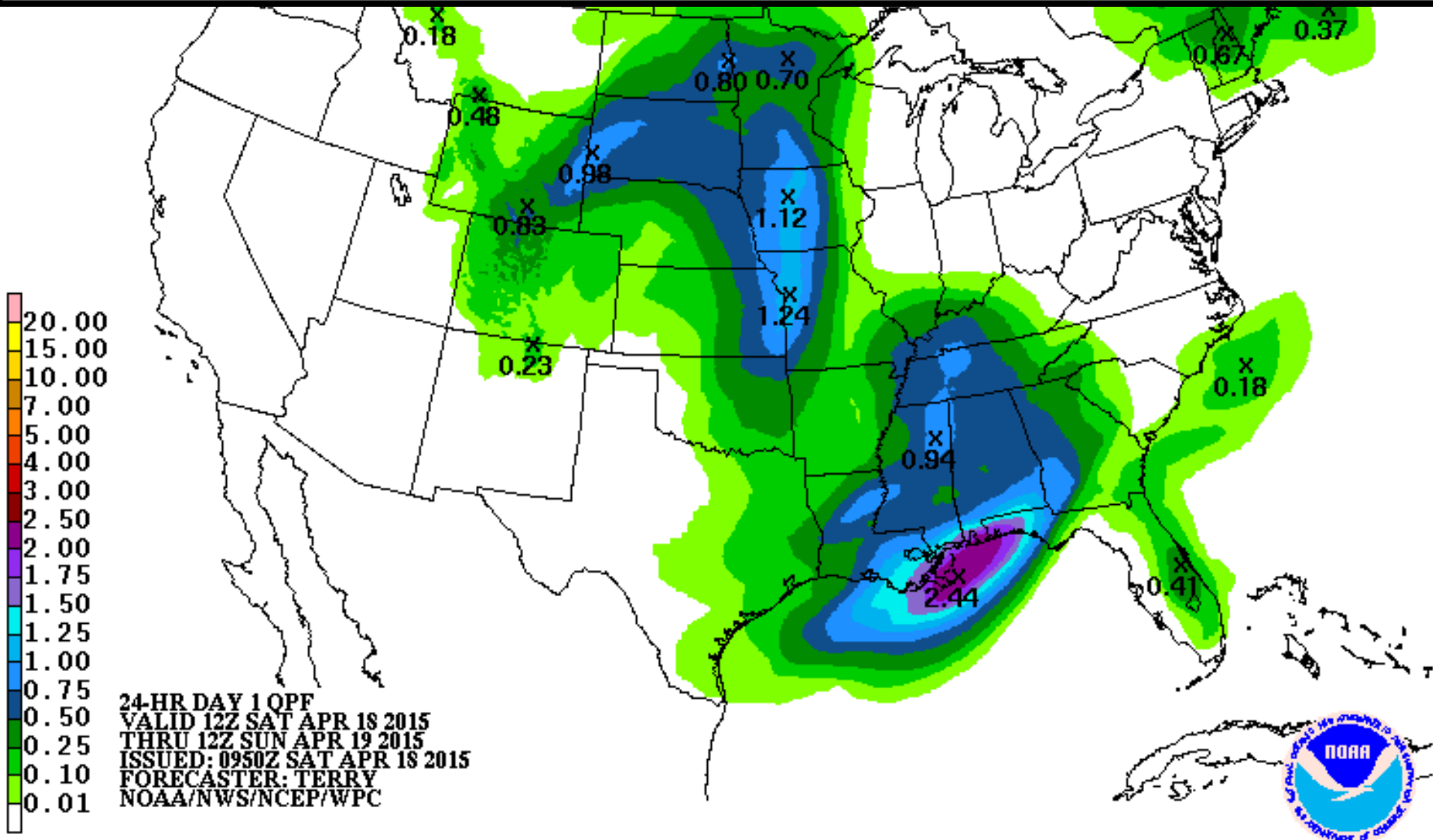
Flash flooding risk

-  Very Common – Happens Often
-  Common – Happens Frequently
-  Uncommon – A Few Times a Year
-  Rare – Once Every 1-5 Years
-  Very Rare – Once Every 5-10 Years

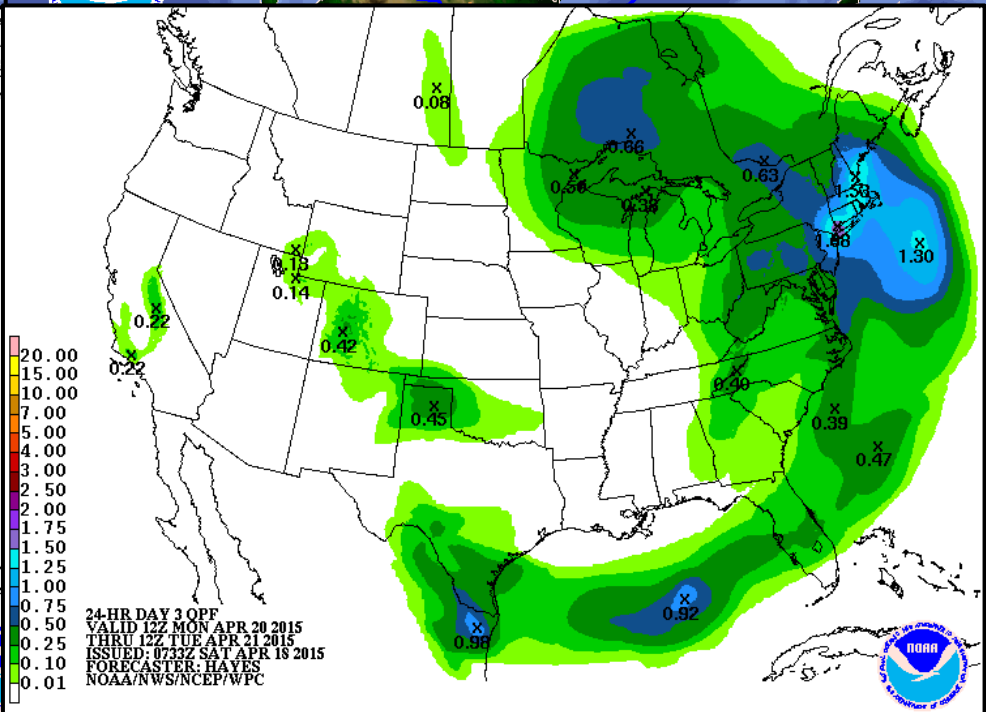
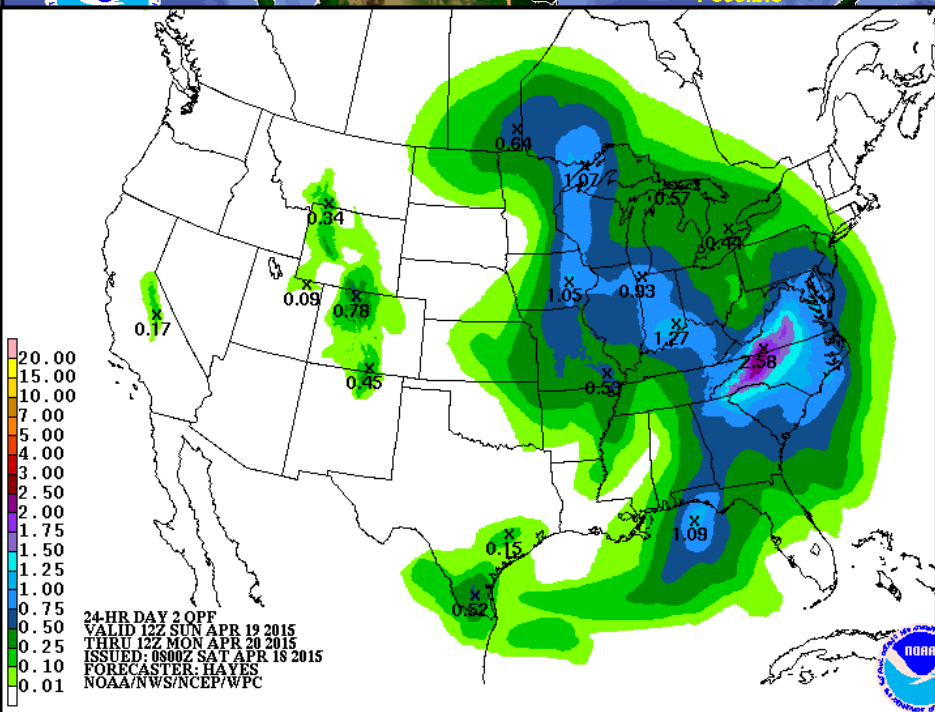
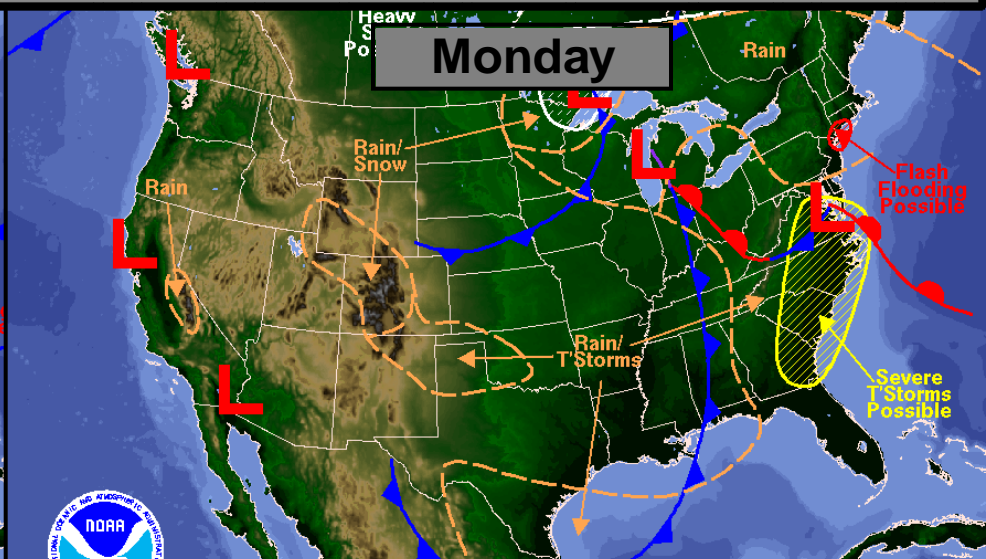
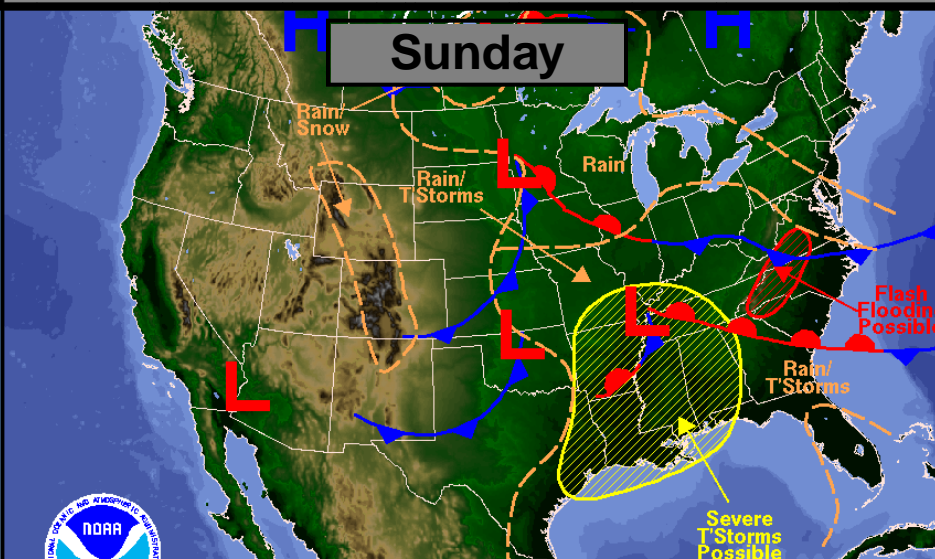
***Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.**

Today's Precipitation

Sat AM - Sun AM

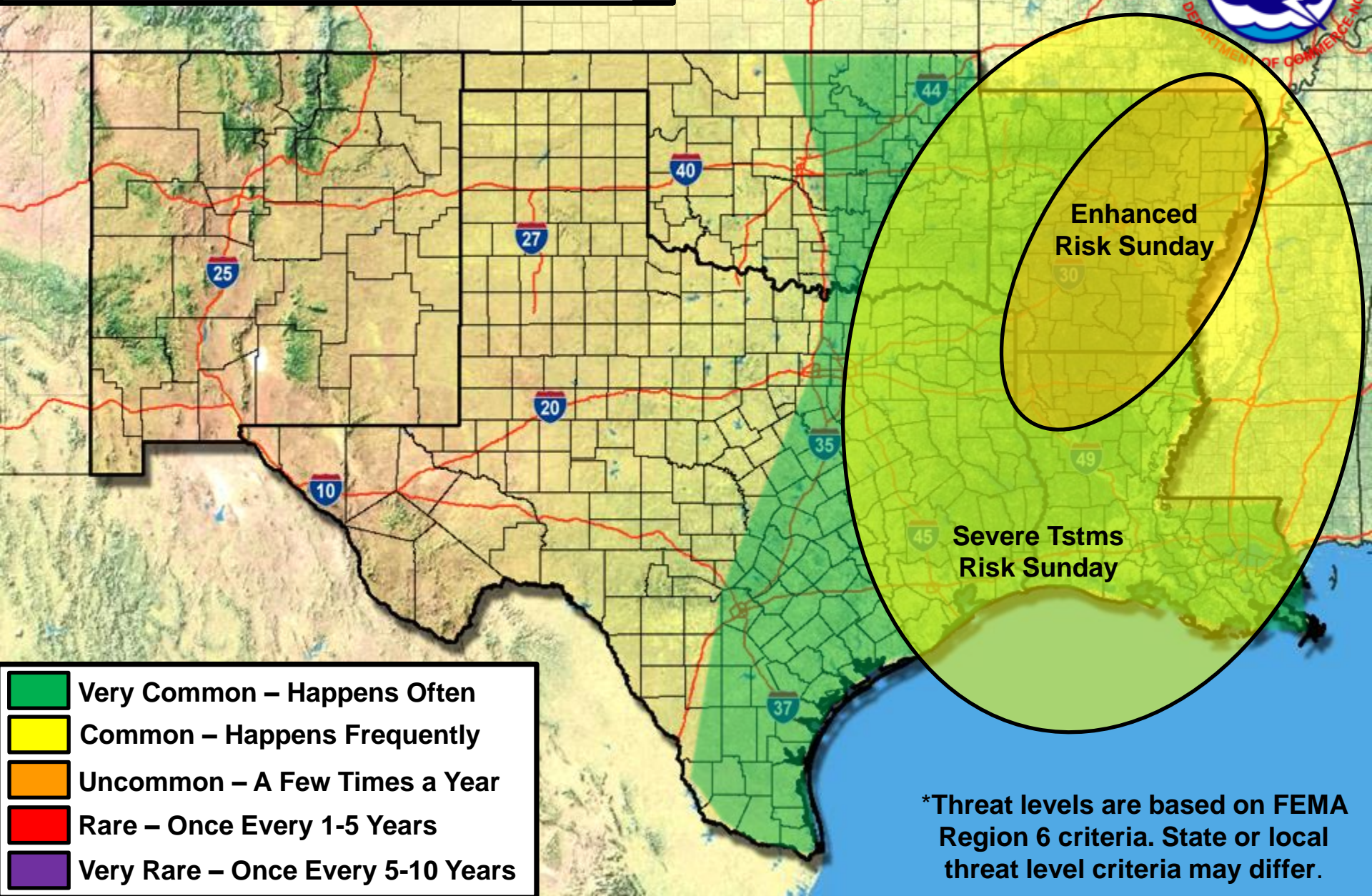
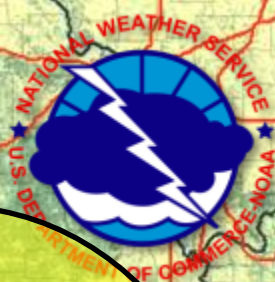


Day 2-3 Weather Maps/Precipitation








Day 2-3 Weather Hazards

Valid: 0800 Sun - 0800 Tue



Enhanced
Risk Sunday

Severe Tstms
Risk Sunday

-  Very Common – Happens Often
-  Common – Happens Frequently
-  Uncommon – A Few Times a Year
-  Rare – Once Every 1-5 Years
-  Very Rare – Once Every 5-10 Years

*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

Day 4-5 Weather Hazards

Valid: 0800 Tue - 0800 Thu



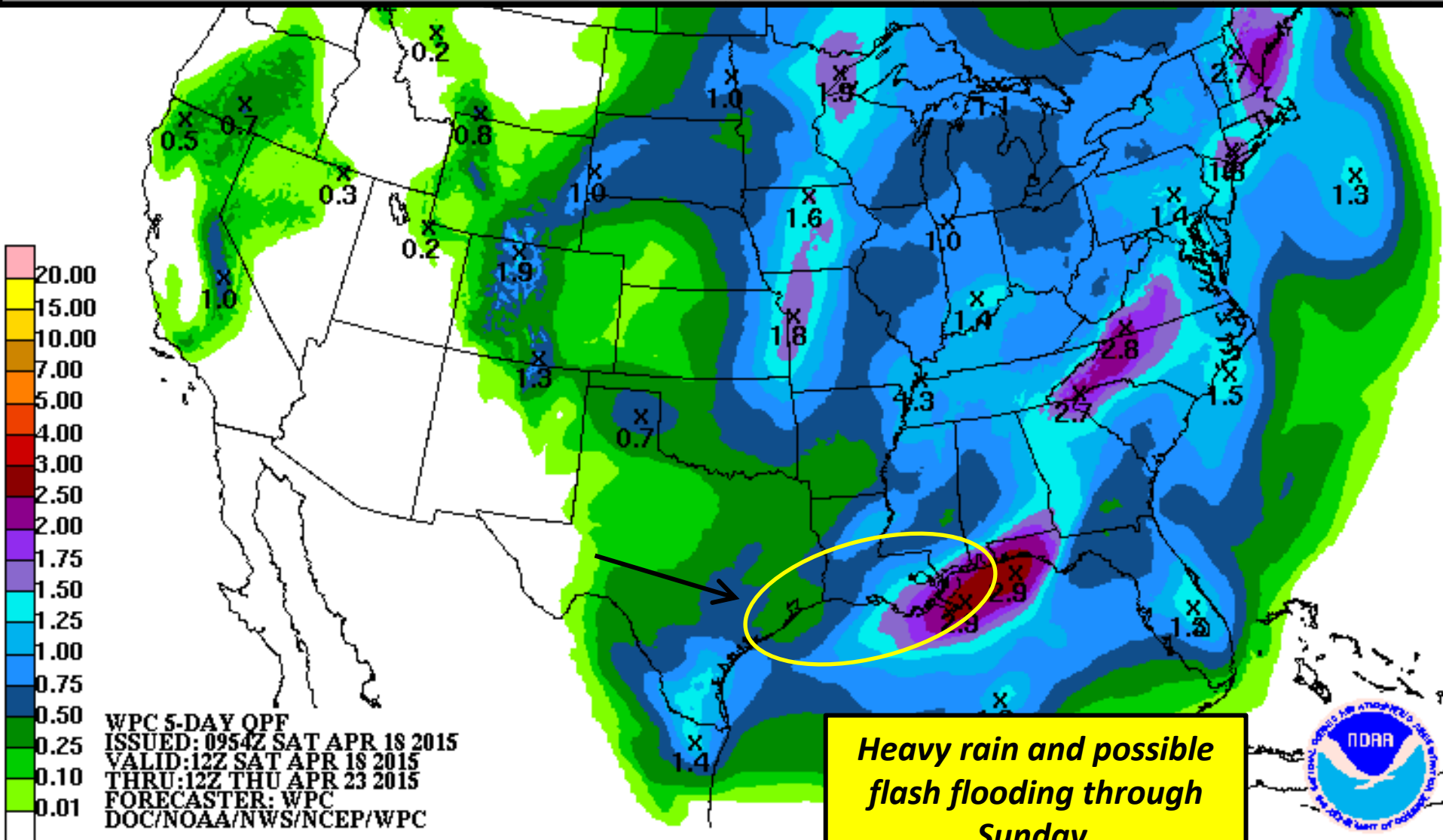
**No Significant
Weather Impacts**

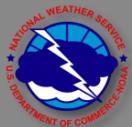


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5-Day Precipitation

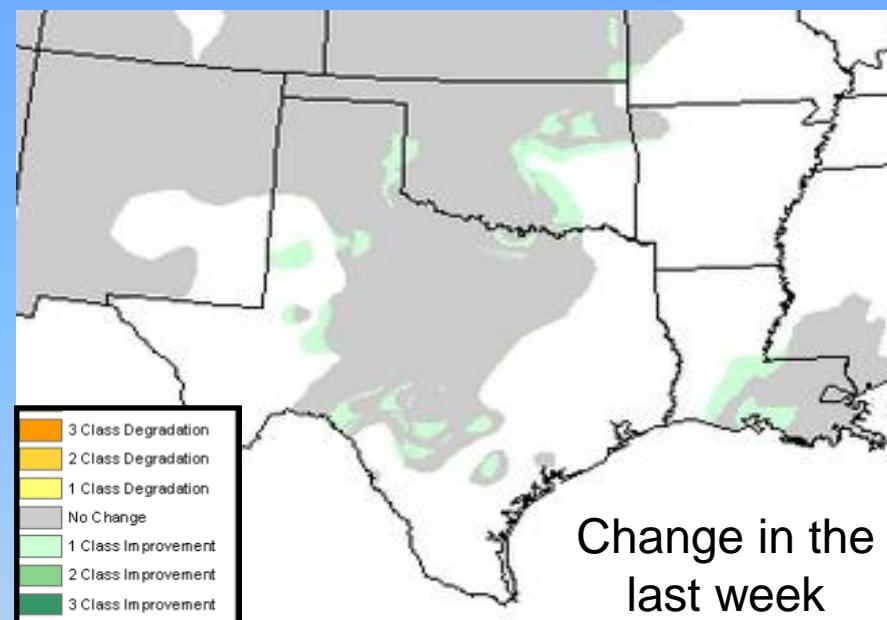
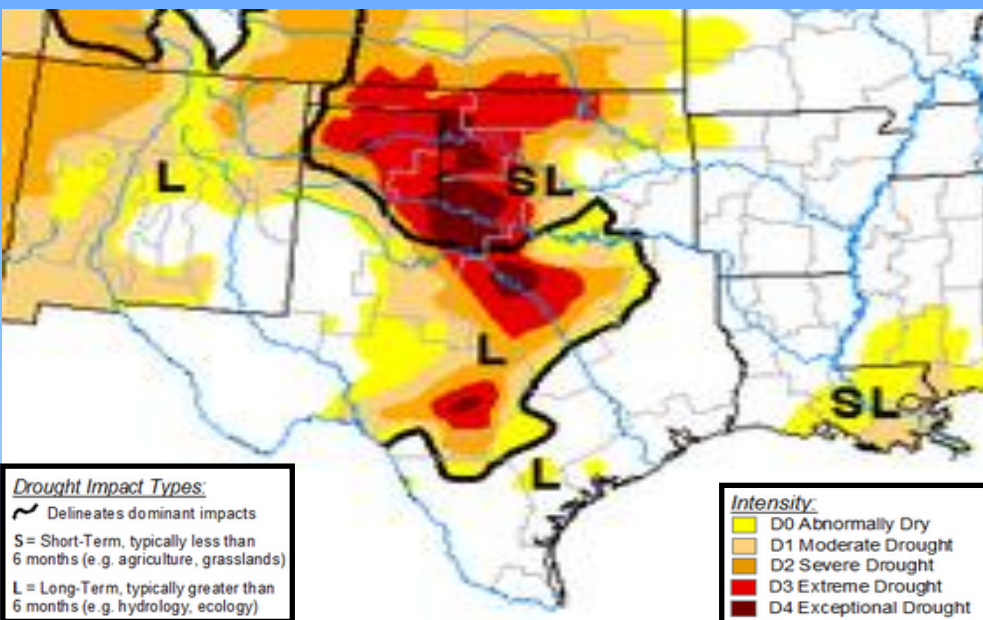
Sat AM - Thu AM





Drought Monitor Released April 9th, 2015

Data valid as of Tuesday, April 14th, 2015 at 7AM EST



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

| State | Current | Last Week | 3 Months Ago | 1 Year Ago |
|------------|---------|-----------|--------------|------------|
| Oklahoma | 39.72% | 39.72% | 22.58% | 26.51% |
| Texas | 14.91% | 15.46% | 11.03% | 28.98% |
| New Mexico | 0.00% | 0.00% | 3.70% | 24.86% |
| Arkansas | 0.00% | 0.00% | 0.00% | 0.00% |
| Louisiana | 0.00% | 0.00% | 0.00% | 0.00% |

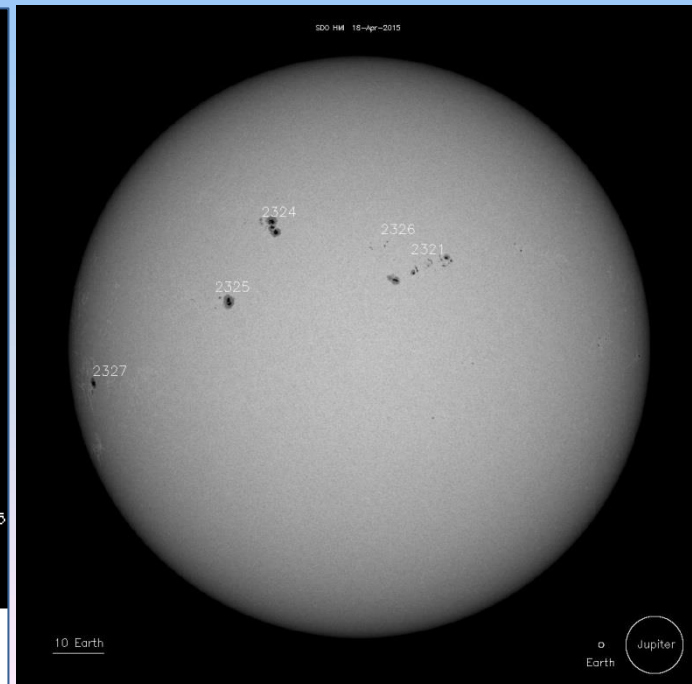
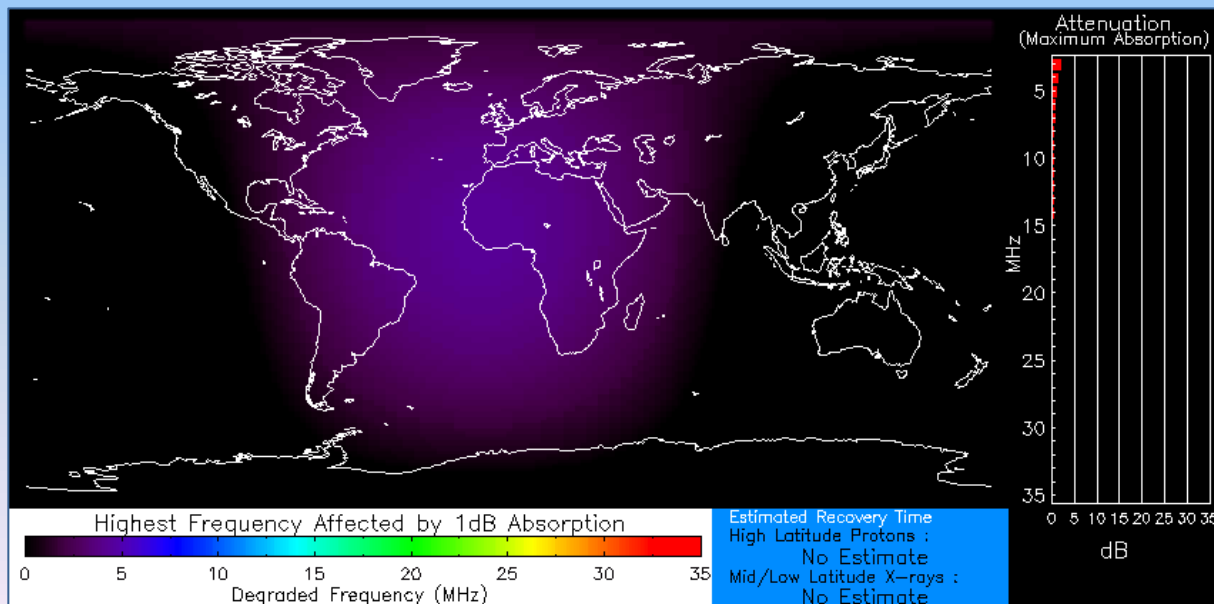
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

| | Friday | Saturday | Sunday |
|-------------------------------|----------------------------------|---------------------------------|----------------------------------|
| Geomagnetic Storms | Active to Unsettled (Max Kp = 4) | Unsettled to Quiet (Max Kp = 3) | Unsettled to Active (Max Kp = 4) |
| Solar Radiation Storm (S1-S5) | 1% | 1% | 1% |
| Radio Blackout (R1-R2) | 40% | 40% | 40% |
| Radio Blackout (R3-R5) | 10% | 10% | 10% |



Normal X-ray Background
 Product Valid At : 2015-04-18 12:39 UTC

Normal Proton Background
 NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (817) 978-1100 x147

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Web: <http://www.srh.noaa.gov>

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<https://www.facebook.com/NWSSouthern> (**NEW link!!**)

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